

**SEC. —. REQUIREMENT TO EXPEDITE REQUESTS FOR COST MODIFICATIONS TO DEPARTMENT OF DEFENSE CONTRACTS RESULTING FROM SUPPLY CHAIN CHALLENGES.**

The Secretary of Defense shall expedite any request for a cost modification to a contract of the Department of Defense that results from supply chain challenges.

**SA 4685.** Mrs. BLACKBURN submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

Strike section 853 and insert the following:  
**SEC. 853. DETERMINATION WITH RESPECT TO OPTICAL FIBER FOR DEPARTMENT OF DEFENSE PURPOSES.**

**(a) DETERMINATION.—**

(1) **IN GENERAL.**—Not later than 120 days after the date of the enactment of this Act, the Secretary of Defense shall review access, metro, and long-haul passive optical fiber and optical fiber cable that is manufactured or produced by an entity owned or partially owned by the People's Republic of China for potential inclusion on the list of covered communications equipment pursuant to section 2 of the Secure and Trusted Communications Networks Act of 2019 (47 U.S.C. 1601).

(2) **APPLICABILITY.**—If the Secretary of Defense makes a determination that any such optical fiber or optical fiber cable would pose an unacceptable risk to the national security of the United States or the security and safety of United States persons and should be included on the list, any such inclusion shall apply to such optical fiber or optical fiber cable deployed after such determination.

(b) **NOTIFICATION REQUIREMENT.**—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall notify the congressional defense committees of the findings of the review and determination required under subsection (a), publish the determination in the Federal Register, and submit that determination to the relevant Federal agencies, including the Department of Commerce and the Federal Communications Commission.

(c) **SAVINGS CLAUSE.**—No determination made under section (a) shall impact the current filing and reimbursement process for the Secure and Trusted Communications Networks Program at the Federal Communications Commission.

**(d) DEFINITIONS.**—In this section:

(1) The term “access” means optical fiber and optical fiber cable that connects subscribers (residential and business) and radio sites to a service provider.

(2) The term “long haul” means optical fiber and optical fiber cable that connects cities and metropolitan areas.

(3) The term “metro” means optical fiber and optical fiber cable that connects city business districts and central city and suburban areas.

(4) The term “passive” means unpowered optical fiber and optical fiber cable.

**SA 4686.** Mr. CORNYN (for himself and Mr. KING) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to

the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title X, insert the following:

**SEC. —. STUDY ON SUPPLY CHAINS CRITICAL TO NATIONAL SECURITY.**

Not later than 180 days after the date of the enactment of this Act, the Director of National Intelligence shall, in coordination with the Director of the Central Intelligence Agency and the heads of such elements of the intelligence community as the Director of National Intelligence considers appropriate—

**(1) complete a study—**

**(A) to identify—**

(i) supply chains that are critical to the national security, economic security, or public health or safety of the United States; and

(ii) important vulnerabilities in such supply chains; and

**(B) to develop recommendations for legislative or administrative action to secure the supply chains identified under subparagraph (A)(i); and**

**(2) submit to the congressional intelligence committees (as that term is defined in section 3 of the National Security Act of 1947 (50 U.S.C. 3003)), the Committee on Armed Services of the Senate, and the Committee on Armed Services of the House of Representatives the findings of the directors with respect to the study conducted under paragraph (1).**

**SA 4687.** Mr. BENNET (for himself, Mr. HICKENLOOPER, and Mr. CRAMER) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle A of title XV, add the following:

**SEC. 1516. RESEARCH AND EDUCATIONAL ACTIVITIES TO SUPPORT SPACE TECHNOLOGY DEVELOPMENT.**

**(a) IN GENERAL.**—Not later than 180 days after the date of the enactment of this Act, the Secretary of the Air Force and the Chief of Space Operations, in coordination with the Chief Technology and Innovation Office of the Space Force, may carry out research and educational activities to support space technology development.

**(b) ACTIVITIES.**—Activities carried out under subsection (a) shall support the research, development, and demonstration needs of the Space Force, including by addressing and facilitating the advancement of capabilities related to—

**(1) space domain awareness;**

**(2) position, navigation, and timing;**

**(3) autonomy;**

**(4) data analytics;**

**(5) communications;**

**(6) space-based power generation;**

**(7) space applications for cybersecurity; and**

**(8) any other matter the Secretary of the Air Forces considers relevant.**

**(c) EDUCATION AND TRAINING.**—Activities carried out under subsection (a) shall—

**(1) promote education and training for students in order to support the future national security space workforce of the United States; and**

**(2) explore opportunities for international collaboration.**

**SA 4688.** Ms. CORTEZ MASTO (for herself and Mr. DAINES) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title X, insert the following:

**SEC. —. NATIONAL SCIENCE AND TECHNOLOGY STRATEGY.**

Title II of the National Science and Technology Policy, Organization, and Priorities Act of 1976 (42 U.S.C. 6611 et seq.) is amended by striking section 206 and inserting the following:

**“SEC. 206. NATIONAL SCIENCE AND TECHNOLOGY STRATEGY.**

**“(a) STRATEGY REQUIRED.**—Not later than the end of each calendar year immediately after the calendar year in which a review under section 206A(b) is completed, the Director of the Office of Science and Technology Policy, in consultation with the National Science and Technology Council, shall develop and submit to Congress a comprehensive national science and technology strategy of the United States to meet national research and development objectives for the following 4-year period (in this section referred to as the ‘national science and technology strategy’).  
**“(b) REQUIREMENTS.**—Each national science and technology strategy required by subsection (a) shall delineate a national science and technology strategy consistent with—  
**“(1) the recommendations and priorities developed pursuant to the review most recently completed under section 206A(b);**  
**“(2) the most recent national security strategy report submitted pursuant to section 1032 of the National Defense Authorization Act for Fiscal Year 2012 (50 U.S.C. 3043);**  
**“(3) other relevant national plans; and**  
**“(4) the strategic plans of relevant Federal departments and agencies.**  
**“(c) CONSULTATION.**—The Director of the Office of Science and Technology Policy shall consult, as necessary, with the Director of the Office of Management and Budget and other appropriate elements of the Executive Office of the President to ensure that the recommendations and priorities delineated in the science and technology strategy are incorporated in the development of annual budget requests.  
**“(d) ANNUAL REPORTS.**—  
**“(1) IN GENERAL.**—The President shall submit to Congress each year a comprehensive report on the national science and technology strategy of the United States.  
**“(2) CONTENTS.**—Each report submitted under paragraph (1) shall include a description of the following:  
**“(A) The strategic objectives and priorities necessary to maintain the leadership of the United States in science and technology and to advance science and technology to address**

societal and national challenges, including near-term, medium-term, and long-term research priorities.

“(B) The programs, policies, and activities that the President recommends across all Federal agencies to achieve the strategic objectives in subparagraph (A).

“(C) The global trends in science and technology, including potential threats to the leadership of the United States in science and technology and opportunities for international collaboration in science and technology.

“(e) PUBLICATION.—The Director shall, consistent to the maximum extent practicable with the protection of national security and other sensitive matters, make each report submitted under subsection (d) publicly available on an internet website of the Office of Science and Technology Policy.

**“SEC. 206A. INTERAGENCY QUADRENNIAL INNOVATION AND TECHNOLOGY REVIEW.**

“(a) DEFINITIONS.—In this section:

“(1) APPROPRIATE COMMITTEES OF CONGRESS.—The term ‘appropriate committees of Congress’ means—

“(A) the Committee on Commerce, Science, and Transportation, the Committee on Armed Services, the Committee on Appropriations, the Committee on Environment and Public Works, the Committee on Foreign Relations, and the Committee on Homeland Security and Governmental Affairs of the Senate; and

“(B) the Committee on Energy and Commerce, the Committee on Armed Services, the Committee on Appropriations, the Committee on Foreign Affairs, the Committee on Science, Space, and Technology and the Committee on Homeland Security of the House of Representatives.

“(2) INTERAGENCY.—The term ‘interagency’ with respect to a review means that the review is conducted in consultation and coordination between Federal agencies, including the Department of Commerce, the Department of Transportation, the Department of Defense, the Department of Energy, the Environmental Protection Agency, and such other related agencies as the Director of the Office of Science and Technology Policy considers appropriate, as well as the following:

“(A) The National Science and Technology Council.

“(B) The President’s Council of Advisors on Science and Technology.

“(C) The National Science Board.

“(D) The National Security Council.

“(E) The Council of Economic Advisers.

“(F) The National Economic Council.

“(G) The Domestic Policy Council.

“(H) The Office of the United States Trade Representative.

“(b) INTERAGENCY QUADRENNIAL INNOVATION AND TECHNOLOGY REVIEW REQUIRED.—

“(1) IN GENERAL.—Not later than 1 year after the date of the enactment of the National Defense Authorization Act for Fiscal Year 2022, and every 4 years thereafter, the Director of the Office of Science and Technology Policy shall complete an interagency review of the science and technology enterprise of the United States (in this section referred to as the ‘quadrennial innovation and technology review’).

“(2) SCOPE.—The quadrennial science and technology review shall be a comprehensive examination of the science and technology strategy of the United States, including recommendations for maintaining global leadership in science and technology and advancing science and technology to address the societal and national challenges and guidance on the coordination of programs, assets, capabilities, budget, policies, and authorities across all Federal research and development programs.

“(3) CONSULTATION.—In carrying out each quadrennial innovation and technology review, the Director of the Office of Science and Technology Policy shall consult with the following:

“(A) Congress.

“(B) Federal agencies, including Federal agencies not described in subsection (a)(2).

“(C) Experts in national security.

“(D) Representatives of specific technology industries, as the Director considers appropriate.

“(E) Academics.

“(F) State, local, and Tribal governments.

“(G) Nongovernmental organizations.

“(H) The public.

“(c) CONTENTS.—In each quadrennial innovation and technology review, the Director shall—

“(1) provide an integrated view of, and recommendations for, science and technology policy across the Federal Government, while considering economic and national security and other societal and national challenges;

“(2) assess and recommend priorities for research, development, and demonstration programs to maintain American leadership in science and technology;

“(3) assess and recommend priorities for research, development, and demonstration programs to address societal and national challenges;

“(4) assess the global competition in science and technology and identify potential threats to the leadership of the United States in science and technology opportunities for international collaboration;

“(5) assess and make recommendations on the science, technology, engineering, mathematics, and computer science workforce in the United States;

“(6) assess and make recommendations to improve regional innovation across the United States;

“(7) assess and make recommendations to improve translation of basic research and the enhancement of technology transfer of federally funded research;

“(8) assess and identify the infrastructure and tools needed to maintain the leadership of the United States in science and technology and address other societal and national challenges; and

“(9) review administrative or legislative policies that affect the science and technology enterprise and identify and make recommendations on policies that hinder research and development in the United States.

“(d) COORDINATION.—The Director shall ensure that each quadrennial innovation and technology review conducted under this section is coordinated with efforts to carry out other relevant statutorily required reviews, and to the maximum extent practicable incorporates information and recommendations from other reviews in order to avoid duplication.

“(e) REPORTING.—

“(1) IN GENERAL.—Not later than December 31 of the year in which a quadrennial innovation and technology review is conducted, the Director shall submit to Congress a report of the review.

“(2) PUBLICATION.—The Director shall, consistent to the maximum extent possible with the protection of national security and other sensitive matters, make each report submitted under paragraph (1) publicly available on an internet website of the Office of Science and Technology Policy.”.

**SA 4689.** Mr. SCHUMER submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appro-

priations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle G of title X, add the following:

**SEC. 10. INCLUSION ON THE VIETNAM VETERANS MEMORIAL WALL OF THE NAMES OF THE LOST CREW MEMBERS OF THE U.S.S. FRANK E. EVANS KILLED ON JUNE 3, 1969.**

(a) IN GENERAL.—Not later than 1 year after the date of enactment of this Act, the Secretary of Defense shall authorize the inclusion on the Vietnam Veterans Memorial Wall in the District of Columbia of the names of the 74 crew members of the U.S.S. Frank E. Evans killed on June 3, 1969.

(b) REQUIRED CONSULTATION.—The Secretary of Defense shall consult with the Secretary of the Interior, the American Battlefield Monuments Commission, and other applicable authorities with respect to any adjustments to the nomenclature and placement of names pursuant to subsection (a) to address any space limitations on the placement of additional names on the Vietnam Veterans Memorial Wall.

(c) NONAPPLICABILITY OF COMMEMORATIVE WORKS ACT.—Chapter 89 of title 40, United States Code (commonly known as the “Commemorative Works Act”), shall not apply to any activities carried out under subsection (a) or (b).

**SA 4690.** Mr. SULLIVAN submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle E of title XII, add the following:

**SEC. 1253. DISCLOSURES REQUIRED BY UNITED STATES FINANCIAL INSTITUTIONS INVESTING IN PEOPLE’S REPUBLIC OF CHINA.**

(a) IN GENERAL.—The Secretary of Defense shall—

(1) require any United States financial institution that makes an investment described subsection (b) to disclose the amount and purpose, and potential impacts on the national defense, of such investments to the Secretary on an annual basis; and

(2) make such disclosures available to the public.

(b) INVESTMENTS DESCRIBED.—An investment described in this subsection is a monetary investment, in an amount that exceeds a threshold to be determined by the Secretary, directly or indirectly—

(1) to—

(A) the People’s Republic of China;

(B) an entity owned or controlled by the Chinese Communist Party; or

(C) the People’s Liberation Army; or

(2) for the benefit of any key industrial sector sponsored by the Chinese Communist Party.

(c) CONSOLIDATED REPORT.—Not less frequently than annually, the Secretary shall compile the disclosures submitted under subsection (a) and submit that compilation and